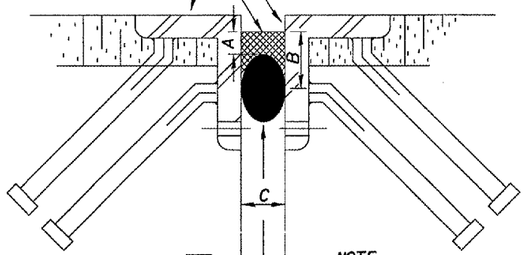
CONTRACT NO. 68439

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	*	PEORIA	27	9
STA. 211+60.95	TO STA. 219+27.65			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

* 04 Joint Repair 2006

All exposed and accessible (from the top) steel surfaces shall be blasted to near white condition, then metalized. In sidewalk and parapet wall areas w/o steel, the concrete shall be cleaned by blasting and blowing clean until dust-free and dry prior to sealant application; metalizing of concrete is not required.

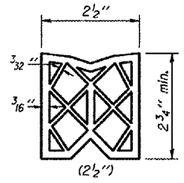
Two-Part, Rapid-Cure 100% Silicone Jt. Sealer



Backer Rod diameter 25 % greater than joint opening at time of installation.

NOTE
Dimension "B" min.= 2 x"A" (where "A"=$\frac{3}{8}$" to $\frac{5}{8}$"). Height of bonding surface should be approximately (2x) sealant min. thickness. Dimension "C" varies between 1" - 2½".

PROPOSED BRIDGE JOINT SEALER DETAIL

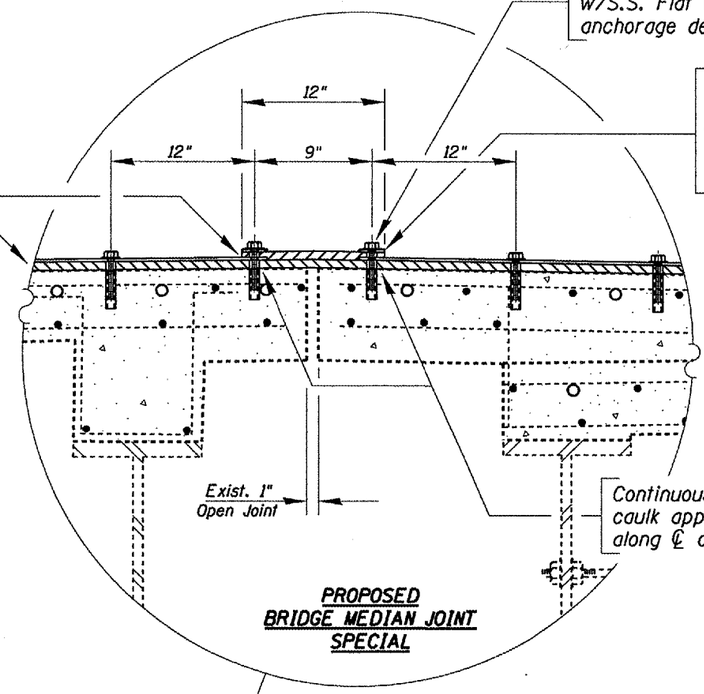


EXISTING PREFORMED JOINT SEAL

12"w. x .060"th. EPDM. All Transverse & Longitudinal Median Joints only

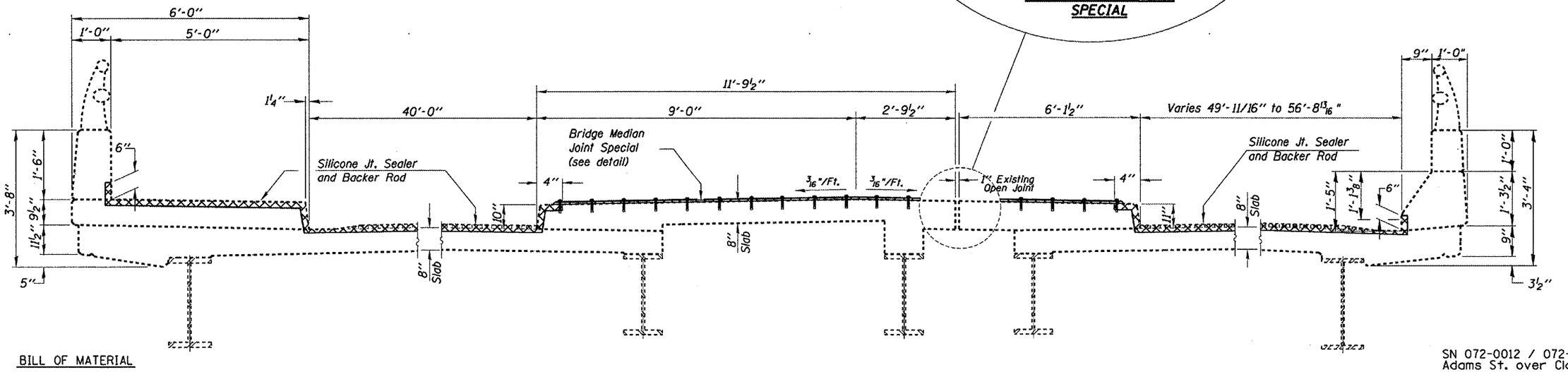
¼"ϕ S.S. Conc. Screws w/S.S. Flat Washers. 1" min. anchorage depth into concrete

5/16" th. x 1" w. S.S. or aluminum plate strips with holes @ 12" centers. Hole or edge burrs must be removed to prevent damage to the EPDM.



Continuous ¼" min. bead of 100% Silicone caulk applied under each edge of EPDM along ℄ of Fastening Screws. (Incidental)

PROPOSED BRIDGE MEDIAN JOINT SPECIAL



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
BLAST CLEANING BRIDGE JOINT STEEL	FOOT	687
THERMAL SPRAY (METALIZING) BRIDGE JOINT STEEL	FOOT	643
SILICONE JOINT SEALER	FOOT	687
BRIDGE MEDIAN EPDM SPECIAL	FOOT	890

EXISTING BRIDGE DECK CROSS SECTION
(SN. 072-0012 & 072-0133)
Looking East

NOTE
ALL DIMENSIONS TAKEN AT RIGHT ANGLE TO ROADWAY CENTERLINE.

SN 072-0012 / 072-0133
Adams St. over Clark St.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DECK & JOINT DETAILS

SCALE: VERT.
HORIZ.
DATE 08-16-2005

DRAWN BY CEJ
CHECKED BY

PLOT DATE = #DATE#
FILE NAME = #FILE1#
PLOT SCALE = #SCALE#
REFERENCE = #REF#